

Application No. 09/943,889
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A method for encrypting and decrypting contents data to be distributed from a server to a user terminal through a network, said method comprising:

generating a first key at the server from contents
5 information ~~about the distributed~~ of contents data to be distributed;

generating a second key at the server from: a variable parameter received from the user terminal, a H/W key ID retrieved from a user information database by using a user ID received from
10 the user terminal, and said first key, and then sending the generated second key to the user terminal;

decrypting the first key at the user terminal from the variable parameter, the H/W key ID, and said second key;

encrypting the contents data to be distributed at the server
15 by using said first key and sending the encrypted contents data to the user terminal; and

decrypting the encrypted contents data at the user terminal by using said decrypted first key.

2. (Currently Amended) The method according to claim 1, the method further comprising generating the variable parameter at

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the user terminal and sending the generated variable parameter to the server.

Claim 3 (Canceled).

4. (Currently Amended) The method according to claim 1, the method further comprising synchronizing the variable parameter between the user terminal and the server.

5. (Original) The method according to claim 4, wherein said synchronization between the user terminal and the server is performed at a time different from a time when the contents data is distributed.

6. (Currently Amended) A contents data encrypting and decrypting system comprising:

(i) a server, ~~the server comprising,~~ which comprises:

- means for generating a first key from contents
- 5 information of contents data to be distributed,
- means for generating a second key from a variable parameter, a H/W key ID, and said first key, and
- means for encrypting the contents data to be distributed by using the first key; and

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10 (ii) a user terminal ~~, the user terminal comprising,~~ which comprises:

 a network interface configured to receive said second key and said encrypted contents data from said server,

 means for decrypting the first key from the variable
15 parameter, the H/W key ID, and said second key, and

 means for decrypting said encrypted contents data by using said decrypted first key;

wherein the server receives the variable parameter from the user terminal, and the server retrieves the H/W key ID from a
20 user information database by using a user ID received from the user terminal, in order to generate the second key.

7. (Currently Amended) The contents data encrypting and decrypting system according to claim 6, ~~the system further comprising means for synchronizing the variable parameter between said server and said user terminal.~~

8. (Currently Amended) A user terminal used ~~for encrypting and decrypting in a system in which~~ contents data to be distributed from a server to the user terminal through a network is encrypted and decrypted, the said user terminal comprising:

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5 a network interface configured to receive from the server
(i) a second key generated from: a first key generated from
contents information of the contents data to be distributed, a
variable parameter received by the server from the user terminal,
and a H/W key ID retrieved by the server from a user information
10 database by using a user ID received from the user terminal, and
(ii) the contents data encrypted by using said first key; and
a decrypting section configured to decrypt the first key
from the variable parameter, the H/W key ID, and said second key,
and then to decrypt said encrypted contents data by using said
15 decrypted first key.

9. (Currently Amended) The user terminal according to
claim 5, ~~the user terminal~~ further comprising means for
synchronizing the variable parameter between the server and the
user terminal.

10. (New) The method according to claim 1, wherein the
contents information of the contents data comprises a size of the
contents data and a preceding update date of the contents data.

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11. (New) The system according to claim 6, wherein the contents information of the contents data comprises a size of the contents data and a preceding update date of the contents data.

12. (New) The method according to claim 8, wherein the contents information of the contents data comprises a size of the contents data and a preceding update date of the contents data.